



# NASA Policy Directive

**NPD 7100.10D**

Effective Date: February 11, 2003

Expiration Date: February 11, 2008

**COMPLIANCE IS MANDATORY**[Printable Format \(PDF\)](#)

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## Subject: Curation of Extraterrestrial Materials

**Responsible Office: Solar System Division**

### 1. POLICY

This NPD sets forth the basic policy for the curation of extraterrestrial materials and for their related programmatic management, control, and operations. Natural materials returned from extraterrestrial environments represent a unique and limited national resource and an important legacy to future generations. Accordingly:

- a. A vigorous and effective program of analysis, description, and other scientific and technical research on these materials must be pursued to derive maximum scientific or technological information from them.
- b. The use of these materials requires special allocation, coordination, and managerial control to ensure the optimum benefits to sciences, technology, education, public information, and the interests of the United States.
- c. A representative sample of the extraterrestrial materials will be stored in as undisturbed a condition as possible for studies that may be carried out in the indefinite future.

### 2. APPLICABILITY

This NPD applies to NASA Headquarters and NASA Centers, including Component Facilities.

### 3. AUTHORITY

- a. 42 U.S.C. 2473 (c), Section 203 (c) of the National Aeronautics and Space Act of 1958, as amended.
- b. NPR 1000.3, the NASA Organization.

### 4. REFERENCE

JSC Policy Directive 7100.1F.

### 5. RESPONSIBILITY

a. The Associate Administrator for Space Science, NASA Office of Space Science (OSS), or designee is responsible for issuing and ensuring implementation of this policy. The Associate Administrator or designee, OSS, is also responsible for the following:

- (1) Selection of scientific and technological investigations and investigators using extraterrestrial materials, in accordance with current NASA Research Announcements (NRA's) issued by OSS or to meet programmatic requirements
- (2) Approval of the allocation of extraterrestrial materials for approved scientific and technological investigations, education and public display, and to meet other NASA programmatic requirements.
- (3) Preparation of budgets, development of long-range plans, and maintenance of appropriate balance between elements of the program.
- (4) With the concurrence of the Office of Space Flight (OSF), approval of Engineering investigations in support of human space using extraterrestrial materials.
- (5) Interaction with other NASA offices or the exercise of other responsibilities as may be necessary to maintain and protect the extraterrestrial material.

- b. The Associate Administrator for Space Flight, or designee, is responsible for selecting engineering investigations in support of human space flight using extraterrestrial materials.
- c. The Chief Health and Medical Officer, or designee, is responsible for selecting health and medical investigations in support of human space flight using extraterrestrial materials, in accordance with current NRA's issued by the Office of the Administrator, Chief Health and Medical Office, or to meet programmatic requirements.
- d. The Associate Administrator, Office of Biological and Physical Research (OBPR), or designee, is responsible for biological and physical investigations in support of human-space flight using extraterrestrial materials, in accordance with current NRA's issued by OBPR or meet programmatic requirements.
- e. The Assistant Administrator, Office of External Relations, or designee(s), and the NASA General Counsel, or designee(s), are responsible for reviewing and concurring on arrangements with foreign sponsoring entities in all cases where foreign Principal Investigators are to be involved in research on extraterrestrial materials.
- f. The Center Director, Johnson Space Center (JSC), or designee, the Astromaterials Curator, is responsible for the following:
- (1) The curation of all extraterrestrial material under NASA control, including future NASA missions. Curation includes documentation, preservation, preparation, and distribution of samples for research, education, and public outreach.
  - (2) The physical security, protection, preservation and environment of extraterrestrial materials in the JSC Curatorial Laboratories; and the suitable off-site storage of a representative sampling of the curated extraterrestrial materials.
  - (3) The development and maintenance of the system of detailed procedures through which the distribution of curated extraterrestrial materials are controlled, and the implementation of that system in conjunction with other NASA offices as necessary.
  - (4) The development and maintenance of a unified, thorough, and up-to-date set of procedures on control and security of curated extraterrestrial materials.

## 6. DELEGATION OF AUTHORITY

None.

## 7. MEASUREMENTS

None.

## 8. CANCELLATION

NPD 7100.10C, Dated March 19, 1999.

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**/s/ Sean O'Keefe**  
**Administrator**

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## ATTACHMENT A: (TEXT)

### (URL for Graphic)

Attached\_URL

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